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Three Scientists Here Receive Alfred P. Sloan Research Grants

Three University scientists were awarded two-year unrestricted basic research grants this month by the Alfred P. Sloan Foundation.

They are Dr. Hendrik F. Hameka, Associate Professor of Chemistry, and Drs. Alan J. Heeger and Benjamin W. Lee, Assistant Professors of Physics.

Dr. Hameka, a theoretical chemist whose research involves the interaction of radiation and matter, is a graduate of the University of Leiden, the Netherlands, where he also took his advanced degrees. Before coming here last July he had taught at the University of Rome and at Johns Hopkins University, and had done research at Carnegie Institute of Technology and at Philips Research Laboratories in the Netherlands.

Dr. Heeger, who is investigating magnetism in solid-state physics, came to Pennsylvania early last year. He received his bachelor's degree in 1957 from the University of Nebraska and his doctorate from the University of California in 1961.

Dr. Lee, whose interest lies in elementary particle physics and quantum electrodynamics, received his bachelor's degree from Miami University, his master's degree from the University of Pittsburgh, and his doctorate from Pennsylvania. A member of the faculty here since 1961, he spent the 1961-62 academic year at the Institute for Advanced Study in Princeton.

The three are among 66 scientists in the United States and Canada who were awarded a total of \$1,000,000 in Sloan Foundation Grants this year. Dr. Donald N. Langenberg, Assistant Professor of Physics, is in the second year of a similar two-year grant. He is investigating microwave resonance in solids.

Educational Council

DR. PROTHEROE REMINDS OF RULES ON SUMMER SCHOOL TEACHING

Members of the faculty who plan to teach summer school at the University this year were reminded recently that no one is allowed to teach both summer terms for pay. Those who teach both such terms, instead of doing so for

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Dr. Groff Is First to Hold Frazier Chair in Neurosurgery

The first incumbent of the newly created Charles Harrison Frazier Professorship in Neurosurgery at the University School of Medicine was named late in January as Dr. Robert A. Groff, Professor and Chairman of the School's Department of Neurosurgery.

The chair is endowed in honor of the late Dr. Frazier (1870-1936), who headed the Departments of Surgery in the School of Medicine and in University Hospital from 1922 until his death. Support for the endowment has come from members of Dr. Frazier's family and from former patients and friends.

Announcement of the chair's creation and of Dr. Groff's appointment to it took place at ceremonies in University Hospital on January 24. Participants included Dr. Groff, President Harnwell, Dr. I. S. Ravdin, Vice President for Medical Affairs; Dr. David R. Goddard, Provost; Dr. Samuel Gurin, Dean of the School of Medicine; Dr. Frazier's three sons, Charles H., Dr. William D., and Nalbro Frazier; his daughter, Mrs. James R. Cash, and his brother, Benjamin W. Frazier.

Dr. Groff, a graduate of the College and the School of Medicine here, received part of his specialty training under Dr. Frazier after serving as a volunteer assistant to Dr. Harvey Cushing at the Peter Bent Brigham Hospital in Boston.

McCorkle Heads Printing Dept.

Robert C. McCorkle has been appointed Director of the University Printing Office, it was announced this month by Harold E. Manley, Business Manager.

McCorkle, who assumed his new duties March 4, was formerly associated with the University as Production Manager of the Printing and Duplicating Department. His office is in the Lippincott Building at 25th and Locust Sts.

He succeeds José de Aguiar, who has resigned as Director at his own request for reasons of health, and who has been appointed special representative of the University Printing Office. In this capacity, he will maintain an office on campus and will be available for consultation on all printing problems.

Waterman Speaks at Dedication Of New Tandem Accelerator

Dr. Alan T. Waterman, director of the National Science Foundation, was the principal speaker March 14 at ceremonies dedicating the University's new tandem accelerator.

The guest speaker and Dr. William E. Stephens, Professor of Physics and director of the facility, who explained its importance to the University's research program, were introduced by President Harnwell following invocation by the Rev. Stanley E. Johnson, Chaplain.

The Van de Graaff accelerator, an electrostatic generator, provides energy ranges up to 15 million electron volts for experimental investigations in physics. It was put into full-scale operation shortly before dedication, in its own building on Walnut St., between the Palestra and Decatur Hall.

National Science Foundation grants totaling \$1,917,000 have been provided to date for the accelerator and the research projects involving it. The University has spent \$410,000 for an addition to the existing physics laboratories to house the accelerator.

The new device is a versatile particle accelerator for low and intermediate energy nuclear physics research. It will provide an extension to higher energies of the physics department's existing facilities in this area.

Versatility has been built into the accelerator by the provision of two beams and four beam ports through which the particles are directed. One beam provides a full-energy stream of particles, the other a half-energy stream. While one beam port is being operated, the others can be readied for use in different experiments.

Dr. Stephens told the audience at the dedication ceremonies that experiments with the accelerator "will be performed to give us a better understanding of the fundamental processes of nuclear transmutation, rather than just to gather information for immediate 'practical' use. Nevertheless, this type of experimental work is useful in current problems of atomic energy."

Dr. Wheaton Represents U.S. On U.N. Housing Committee

Dr. William L. C. Wheaton, Professor of City Planning, represented the United States at the first meeting of the new United Nations Committee on Housing, Building and Planning at U. N. headquarters, January 21-February 21.

Dr. Wheaton, who is former president of the National Housing Conference and a member of the American Institute of Planners and the National Association of Housing and Renewal Officials, joined representatives of the State Department in making up this country's five-man delegation on the committee.

At its meetings the committee stressed the growing importance of housing, building and planning in the face of the increasing rate of urbanization in developing countries. Its several recommendations included an expansion of international lending for housing, the provision of community facilities such as sewer and water systems, and for the development of building industries.

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extra compensation, are freed of their teaching duties for a term of the normal academic year.

Dr. William M. Protheroe, Chairman of the Educational Policy Committee of the Educational Council, offered the reminder in a report to the January 25 meeting of the Council. The policy concerning summer school compensation, he said, was unanimously endorsed by his committee.

The committee also called for a clearer statement about the selection, term of appointment, and delineation of responsibilities of department chairmen. Provost Goddard said a statement concerning this subject is now being prepared and would be brought to the Council when completed.

The Council voted to present to the Graduate Council and faculties of the other graduate schools a plan submitted by the sub-committee on Dual Credit to the Educational Policy Committee, whereby graduate courses taken for undergraduate credit may be applied to the work for a graduate degree. The sub-committee pointed out that if proper safeguards are provided to prevent undue specialization in the students' undergraduate program, such a plan will be a satisfactory device for enabling gifted students to earn a graduate degree earlier than is possible at present.

Dr. Kenneth M. Setton, Director of Libraries, told the Council that the new Graduate Library, on which construction is expected to begin in April, 1964, will have room in it for the Lippincott Library of the Wharton School, the Penniman Library of the School of Education, the Union Library Catalogue, the Edgar Fahs Smith Collection in the History of Chemistry, and the South Asia Regional Studies Library.

Other areas of the new unit will be devoted to a faculty research and study center, an undergraduate honors seminar room, and a new special collection room. In addition, there will be an expansion of reading and study areas, book stacks and seminar rooms from the present Van Pelt Library. Certain staff work areas will also expand into the Graduate Library, and a large compact book storage area will be prepared in the basement.

To be known as the Daniel W. Dietrich Library, the new unit will consist of a basement, five full floors, and a partial sixth floor. It will occupy the area along the south side of Walnut Street directly west of the Van Pelt Library, and extend approximately to 36th Street.

Construction of the Dietrich Library is expected to begin in April, 1964, with completion scheduled for the summer of 1966.

Dr. Claude Welch reported that the ad hoc committee on faculty structure had made the following recommendations to President Harnwell:

A reduction in the size of the 120-member Council to about 100 members; reduction of the 60-member Assembly to 40 members; avoidance of committee duplication; election of the Assembly by disciplinary groups, with the suggestion that members be elected to two-year terms.

Also, that the President of the University be Chairman of the Council, and that the Provost head the Assembly; that a steering committee be formed to prepare the agenda for the Council; that the Assembly be left free to develop its own table of organization; that the size of the Educational Policy Committee be reduced to 15 members, and that major curricular changes be made the responsibility of some stated committee.

President Harnwell, in reporting on the progress of planning for Redevelopment Unit No. 3, told the Council that

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Ford Calls Attention to Rules For Medical Emergencies

A number of instances on the campus in recent weeks have caused several of the University's executive officers to express concern over the degree to which its personnel are aware of the procedures to follow in medical emergencies.

For this reason Dr. Fred C. Ford, Director of Personnel, has asked *The Almanac* to publish Personnel Department Bulletin No. 8, "Medical Emergencies on the Campus," which follows:

I. If the injured person is able to walk but requires medical attention:

1. **STUDENTS:** Report to the Student Health Service, Third Floor, Gates Pavilion. Service is available 24 hours a day, seven days a week, during the regular school session. During the Christmas holidays and the summer months, the Student Health Service is closed at night, and on Saturdays and Sundays. When Student Health is not open, report to the Receiving Ward as indicated below.

2. **FACULTY, STAFF, AND EMPLOYEES:** Report to the Receiving Ward at the University Hospital. The Receiving Ward is always open for the treatment of any emergency and is located at the rear of the Hospital. Enter the Hospital grounds via the driveway between the Men's Dormitories and the Hospital at 36th and Spruce Sts. Turn left at your first opportunity and follow the emergency signs.

II. If an ambulance is required:

1. Go to any telephone, dial "0," and tell the operator, "I need an ambulance." STAY at the telephone until you have given the location of the emergency to the ambulance service or the University operator.

2. When the ambulance arrives, inform the police officer that the patient is to be taken to the Receiving Ward at the University Hospital.

Willard and Spackman Edit New Occupational Therapy

The third edition of *Occupational Therapy*, edited by Helen S. Willard, Director, and Clare S. Spackman, Assistant Director of the School of Occupational Therapy, has just been published by J. B. Lippincott.

Six of the contributing authors are graduates of the School of Occupational Therapy, a unit of the University's School of Allied Medical Professions.

The *Journal* of the American Medical Women's Association describes the new edition as "a valuable text for members of the medical professions who wish to become familiar with current principles and applications of occupational therapy. It presents the most complete and comprehensive coverage of this ancillary treatment available in the literature."

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consideration is being given to the development of Locust Street and 37th Street as major walkways within the campus. His report on receipt of a \$3,000,000 grant for graduate engineering and on increases in tuition rates in the professional schools was covered in the February issue of *The Almanac*.

Formation of Donor Clubs Urged by HUP Blood Center

The University Hospital Blood Center is interested in the formation of Donor Clubs in the various schools and larger departments on the campus.

Any group of employees can form a Donor Club and enter into this program which makes blood credit available without charge to the members. Groups participate in the program by donating blood to the Center in advance of need at a ratio of two for three. From every three pints donated, two may be withdrawn to replace blood used by employees or their families. The third pint covers the cost of administering the program. By this means, the blood charge which would normally vary from \$20 to \$50 is eliminated. Patients covered by Donor Clubs and making use of the service are required to pay only the hospital charge for administering and processing the blood. Credits so established by Donor Clubs can be forwarded to their obligations in hospitals in the Philadelphia area and also throughout the United States.

Any group can become a part of the program by notifying the Center that a Donor Club is to be established and by making an initial deposit, to be determined by the size of the group. A group, once it has established its blood credit, maintains this credit until it is released. Any group interested should call the Blood Bank at EV 2-4600, Extension 8147, for further information and assistance.

College Faculty Discusses Shifts in Group Requirements

Possible changes in the present group requirements for undergraduate courses were discussed at length by members of the College Faculty at their regular meeting on March 5 in the Annenberg School auditorium.

While the Faculty took no formal action, Dean Otto Springer has arranged to have copies of a detailed report of the discussion distributed to all members prior to the call for the April meeting.

The Committee on Instruction placed before the Faculty a report which purposely avoided specific proposals, but raised a number of basic questions for consideration. Among them was the question of whether the total amount of work now required to satisfy the group requirements should or could be reduced, in view of the fact that it is higher at Pennsylvania than at comparable institutions.

The second question was whether greater flexibility should be introduced into the present group requirements, which provide less freedom for student choice within the areas prescribed than at comparable institutions.

Faculty-Staff Discount

University personnel are now eligible to obtain identification cards entitling them to a 20 per cent discount on charges for the use of automobiles rented from the Hertz Corporation.

Harold E. Manley, Business Manager of the University, has asked that requests for identification cards be sent to the office of the Business Manager, 3025 Walnut St. They should contain the name, address, and University department of the applicant.

The discount privilege applies to personal business as well as to official University business.

Among Other Things

CONGRATULATIONS: To *Dr. Jonathan E. Rhoads*, John Rhea Barton Professor and Chairman of Surgery in the School of Medicine, who is to receive the American Cancer Society's 1963 Humanitarian Award at the hands of *Dr. I. S. Ravdin*, president of the society and the University's Vice President for Medical Affairs, on Wednesday, March 27 . . . And to *Dean Gilbert Seldes*, of the Annenberg School of Communications, on being elected this month to membership in the National Institute of Arts and Letters.

TRAVELERS AND SPEAKERS: Five members of the School of Metallurgical Engineering, *Dr. Erwin Parthe*, *Dr. G. R. Belton*, *Dr. Norman Brown*, *Dr. L. A. Girifalco*, *Dr. Cornelius Durdaller*, and *Hiroshi Kimura*, delivered papers at the annual meeting of the American Institute of Metallurgical Engineering held in Dallas, Tex., February 24-28 . . . *Dr. Horace G. Richards*, Lecturer on Earth Sciences, visited Buenos Aires, Tierra del Fuego and Patagonia during January to pursue investigation of Pleistocene fossils . . . *Dr. Adolf Klarmann*, Professor of German, spoke March 1 at the Austrian Institute in New York City on "Die Horizonte Franz Werfels" . . . *Dr. Roy F. Nichols*, Dean of the Graduate School of Arts and Sciences, addressed the Northern California University of Pennsylvania Club in San Francisco on February 28 on "How a Historian Gets Into Trouble."

Comptroller Donald S. Murray spoke on "Research Administration" at the seventh biennial Workshop Clinic of the Eastern Association of College and University Business Officers, held in New York City February 24-26 . . . *Dr. Wilfred Malenbaum*, Professor of Economics in the Wharton School, addressed a seminar on International Development at Swarthmore on January 13 . . . *Dorothy E. Baethke*, Professor of Physical Therapy, attended the meeting of the Advisory Committee to U.C.L.A. on Prosthetics in Paramedical Education, of which she is chairman, in Los Angeles from February 27 to March 1 . . . *Dr. Christian J. Lambertsen*, Professor of Pharmacology, and *Dr. Lysle H. Peterson*, Professor of Physiology, presented papers at the second Symposium on Underwater Physiology held February 25-26 in Washington. *Dr. Lambertsen* also served as chairman.

Guy Anselmo, Jr., Assistant Dean of Men, attended the annual meeting of the American Association of School Administrators in Atlantic City in February, and served as a panel member on a program entitled "Beyond the Textbook: Guidance in a New Age."

Dr. I. S. Ravdin addressed the mid-winter dinner of the Friars Senior Society of the University on January 24 . . . *Dr. W. Rex Crawford*, Professor of Sociology, was a speaker at a joint faculty seminar of Vermont College, Burlington, on January 10.

On March 6, *Dr. Robert A. Pratt*, Professor of English, lectured at Vassar College on "Jankyn's Book of Wikked Wyves": Medieval Antifeminist Propaganda and Chaucer." . . . *Dr. Samuel Gurin*, Dean of the School of Medicine, took part March 17 with *Dr. William F. Kellow*, Dean of Hahnemann Medical College, and *Dr. William A. Sode-man*, Dean of Jefferson Medical College, in a discussion of the present and future needs of medical education on the program, "Speak Up," WRCV-TV . . . *Dr. Wilfred Malenbaum* participated in the United Kingdom Foreign

Office sessions on "Defense of the West," held February 17 to March 2 at Wiston House, Steyning, Sussex, England . . . Speakers at the Conference for Federal Executives, sponsored by the Brookings Institution at Colonial Williamsburg, Va., on February 19, included *Dr. Norman Kaplan*, whose topic was "Science and the Social Structure." . . . *Dr. Emily H. Mudd*, Professor of Family Study in Psychiatry, addressed the staff of the Division of Student Mental Health of the Yale University Department of Health on November 28 on "Marriage Counseling." . . . Fourteen members of the faculty of the School of Medicine and the Graduate School of Medicine took part March 11-14 in the sectional meeting of the American College of Surgeons in Pittsburgh. They were *Drs. William S. Blakemore*, *Robert A. Groff*, *Michael Harty*, *Julian Johnson*, *Charles K. Kirby*, *William E. Krewson 3rd*, *John J. Murphy*, *Paul Nemir, Jr.*, *Franklin L. Payne*, *I. S. Ravdin*, *Brooke Roberts*, *Alan Rubin*, *Harry P. Schenck*, and *Edmund B. Spaeth* . . . *Dr. Elias Burstein*, Professor of Physics, is serving as chairman of the planning committee for the International Conference on Lattice Dynamics to be held August 5-9 at the Technical University of Copenhagen, Denmark.

Eleven Summer Research Fellowships are Awarded

The University's Committee on the Advancement of Research has announced the award of Faculty Summer Research Fellowships, amounting to \$1500 each, to 11 of 25 applicants.

These awards have been made annually since 1954 to enable full-time members of the faculty to devote themselves exclusively to approved projects.

Awards this year went to *Dr. Alan Cassels*, Assistant Professor of History; *Dr. Paul Davidson*, Assistant Professor of Economics; *Dr. George S. Hoshino*, Assistant Professor of Social Work; *Dr. Edward B. Irving, Jr.*, Associate Professor of English; *Dr. Byron E. Kern*, Instructor in Operating Dentistry; *Dr. Seymour Leventman*, Assistant Professor of Sociology; *Dr. Paul M. Lloyd*, Assistant Professor of Romance Languages; *Dr. Peter B. Murray*, Instructor in English; *Dr. Eva Novotny*, Assistant Professor of Astronomy; *Dr. James F. Ross*, Assistant Professor of Philosophy, and *Dr. E. Dale Saunders*, Assistant Professor of Japanese.

Dr. W. Wallace Weaver, chairman of the committee, has expressed satisfaction on its behalf both with the number and the quality of the applications for fellowships. The stipend has been increased this year, for the first time, from \$1000 to \$1500, in keeping with the University's more generous support of faculty research.

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The Editors are assisted by an Advisory Committee representing the Faculty, Administration, and Personnel of the University.

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